

## DISPENSING NEEDLE VALVE DA 400 MINI PEEK

The **DA 400 MINI PEEK** valve use the high features of PEEK (Polyether-Ethere-Cheton) to dispense very small amount of anaerobic glues, reaching technical results that are impossible to achieve with traditional diaphragm valves.

The accuracy and speed of the needle closing, the really fine possible tuning of the amount dispensed, the speed of the solenoid valve make possible single dosing under 1 mm<sup>3</sup>, with the highest precision, also at 10 dosing/second.



### DAV TECH SRL

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#### FIELDS OF APPLICATION:

- > Anaerobic fluid micro-dosing
- > Aggressive fluid micro-dosing

#### FEATURES:

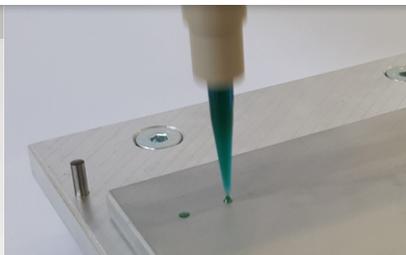
- > Parts in contact with the fluid completely in PEEK which is a non reactive material
- > Solenoid valve mounted on for a super fast opening and closing
- > Luer lock needle holder
- > Micrometric regulation for the finest tuning
- > Easy maintenance and cleaning.

#### Technical Data

<b>Model</b>	DA 400 MINI PEEK
<b>Operation mode</b>	Double Acting
<b>Weight</b>	130 g
<b>Max fluid pressure inlet</b>	Max 15 bar
<b>Actuating air pressure</b>	5 bar
<b>Air inlet thread</b>	M5
<b>Fluid inlet thread</b>	1/8 BSP
<b>Outlet thread</b>	Luer lock nozzle
<b>Speed</b>	Up to 300 cycles / min
<b>Adjusting the passage</b>	Micrometric
<b>Used materials</b>	Stainless steel, PEEK, nickel plated brass
<b>Fluids to be dispensed</b>	Anaerobic Glue, Aggressive fluids

## NOZZLES FOR VALVOLA DA 400 MINI PEEK

The valve DA 400 MINI PEEK is equipped with luer lock nozzle that can hold tapered tips, PTFE tips and any special designed nozzles.



## VALVE DA 400 MINI DRIVING

The valve DA 400 MINI has a 5/2 solenoid valve mounted directly on board, and it is therefore sufficient to feed the power supply (24V) to the solenoid (which is always kept fed pneumatically to 6-7 bar) for controlling the dispensing.

### Valve configurations

# DA 400 MINI PEEK

NOZZLES AVAILABLE



SY



KV

Ø mm  
• 0.3  
• 0.5  
• 1



Special versions available on request.

### Connection diagram

